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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/532,321	04/22/2005	Mari Yagi	JD-249-US	1654

7590 02/01/2007
Neil E Hamilton
JohnsonDiversey Inc
M/S 509
8310 16th Street
Sturtevant, WI 53177

EXAMINER

BOYER, CHARLES I

ART UNIT	PAPER NUMBER
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1751

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/01/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/532,321

Applicant(s)

YAGI ET AL.

Examiner

Charles I. Boyer

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 October 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-11,14,18,22-35 and 37-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-11,14,18,22-35 and 37-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☒ Interview Summary (PTO-413)
Paper No(s)/Mail Date 1/29/07
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

This action is responsive to applicants' amendment and response received October 3, 2006. Claims 1-3, 5-11, 14, 18, 22-35, and 37-42 are currently pending.

Response to Amendment

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action as discussed in the interview summary attached is persuasive and, therefore, the finality of that action is withdrawn.

Claim Objections

1. The numbering of claims is not in accordance with 37 CFR 1.126 which requires the original numbering of the claims to be preserved throughout the prosecution. When claims are canceled, the remaining claims must not be renumbered. When new claims are presented, they must be numbered consecutively beginning with the number next following the highest numbered claims previously presented (whether entered or not). New claim 42 is incorrectly numbered as claim 39.

Allowable Subject Matter

1. In the previous office action, the examiner indicated that claims 4-6, 12, 13, 15-20, 24-26, and 31-33 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The examiner acknowledges applicants'

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attempt to incorporate this allowable subject matter into the claims, however, as new references have come to light, the allowable subject matter must be withdrawn and a new ground of rejection made.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

All prior art rejections previously presented under 35 U.S.C. 102 are withdrawn in view of applicants' amendment and response.

3. Claims 1-3, 5, 6, 8-11, 22, 23, 25, 26, 28-30, 32, 33, 35, 37, 38, 40, and 41 are rejected under 35 U.S.C. 102(b) as being anticipated by Kondo et al, US 5,965,649.

Kondo et al teach detergent compositions containing amidopolyether modified organopolysiloxanes (see abstract). An example of such a composition comprises 10% amidopolyether modified organopolysiloxane, 2% ethoxylated alcohol nonionic surfactant, 3% propylene glycol, and 1% triethanolamine (col. 9, example 2). Though triethanolamine is not taught as a chelant, it is well known that this compound has chelating properties. As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.


5. Claims 1-3, 5-11, 14, 18, 22-35, and 37-42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Deak et al, US 6,972,279.

Deak et al teach silicone polymers for lipophilic fluid systems (see abstract). The compositions contain silicone-containing polymers which may contain polyalkylene oxide and amide substituents (col. 2, lines 12-18). Highly preferred surfactants include siloxane-based nonionic surfactants (col. 12, lines 18-65). Other suitable additives of the invention include polar solvents such as water, alcohols, and glycol ethers (col. 17, lines 44-47), as well as sequestrants and thickeners (col. 18, lines 46-63). Though the reference does not specifically teach a polyetheramide modified siloxane, nor does it teach a composition containing the specific components claimed, as all of these components are contemplated by the reference, and the reference contemplates a siloxane containing amide and polyalkylene groups, the examiner maintains it would have been obvious to one of ordinary skill in the art to formulate a composition containing these components with a reasonable expectation of successfully obtaining a fabric treatment composition. With respect to specific thickeners claimed, these are well known in the art for use in laundry detergents and does not represent an unobvious difference over a prior art reference teaching thickeners.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles I. Boyer whose telephone number is 571 272 1311. The examiner can normally be reached on M-Th 9:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas McGinty can be reached on 571 272 1029. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Charles I Boyer
Primary Examiner
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